

Fantoma para punción tiroidea ecoguiada, de elaboración casera y bajo costo.

S. Urbina, A. Balcells, P. Avaria y M. Hirsch

Abstract

Phantom for thyroid ultrasound-guided puncture, homemade and inexpensive

Image-guided interventional procedures have gained importance in medical practice, particularly for the radiologist, who must be familiar with these techniques that allow him to obtain accurate diagnoses without subjecting the patient to major procedures associated with higher risks. One of these techniques is fine-needle aspiration (FNA) biopsy, which requires training to acquire technical skills to obtain good images and a suitable specimen for accurate cytological evaluation.

For these reasons, an inexpensive, easy-to-prepare thyroid phantom model that simulates a multinodular gland and uses the trachea, internal jugular vein, and common carotid artery as internal anatomical landmarks in the neck, was constructed to serve as a training tool for the practice of thyroid punctures by radiology residents.